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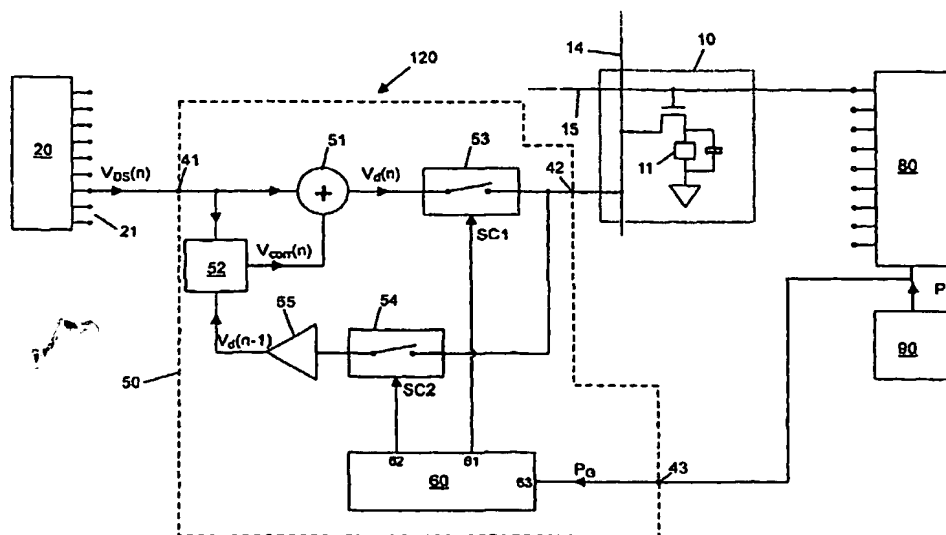
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(54) Title: METHOD AND CIRCUIT FOR DRIVING A LIQUID CRYSTAL DISPLAY



(57) Abstract: In a novel liquid crystal cell overdrive method, the actual voltage, on the liquid crystal cell (11), resulting from the previous frame drive operation is measured, and the amount of the overdrive voltage is evaluated from this actually measured voltage. This method allows implementing the overdriving method without the use of a frame memory because it uses the intrinsic capacitance (CLC) of the liquid crystal cell (11) as a memory element. Moreover, this method allows a more accurate overdrive amount because its evaluation is based on the actual voltage present at the liquid crystal cell (11) resulting from the previous frame.



MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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INTERNATIONAL SEARCH REPORT

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PCT/ID 3/03148A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 815 134 A (NISHI TAKESHI) 29 September 1998 (1998-09-29) the whole document	1-3, 8-10
X	PATENT ABSTRACTS OF JAPAN vol. 016, no. 186 (P-1347), 7 May 1992 (1992-05-07) & JP 04 022923 A (SANYO ELECTRIC CO LTD), 27 January 1992 (1992-01-27) abstract the whole document	1, 2, 9, 10

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- * & * document member of the same patent family

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5815134	A	29-09-1998	JP	8036161 A	06-02-1996
JP 04022923	A	27-01-1992	NONE		